

Work Order ID 105237

Monday, July 29, 2013 2:41:19 PM

105237

Ship Aug 28th

Page 1

Item ID: PB67-43001-01

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Fwd Blade Fold Assembly

Start Date: 7/29/2013 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 8/16/2013 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: MF Date: 8-7-29

Tooling:

Date:

Run Start ***NR1***

QC: Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
B67-43001-01	Rev C								
100	Small Fab	0.00							
100									
Small Fab	Memo	0.00							
Small Fab	1- Assemble as per dwg and notes on dwg B67-43001 and use 242 threadlock Blue								
	A/R shown on dwg PB67-43001 page 2.								
	242 THREADLOCK Blue batch: <u>M11203</u>								
	A/R touch up paint with sandflex green batch: <u>123883</u>								
110	QC5- Inspect part completeness to step on W/O	0.00							
110									
QC	Memo	0.00							
Quality Control									

DAS
27
9-89

139.16

1x

Cpl 139.16

1

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Item ID: PB67-43001-01

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Fwd Blade Fold Assembly

Start Date: 7/29/2013 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 8/16/2013 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date:

Run Start ***NR1***

QC: Date: SPC (Y/N): Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Identify as per dwg & Stock Location: _____	0.00							
120									
Packaging	Memo	0.00							
Packaging									
130	QC21- Final Inspection - Work Order Release	0.00							
130									
QC	Memo	0.00							
Quality Control									

PP 106 626

Z

13/9/14

13/9/17

MF
13-9-13

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Work Order ID: 105237

Parent Item: PB67-43001-01

Start Date: 7/29/2013

Required Date: 8/16/2013

Parent Item Name: Fwd Blade Fold Assembly

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 08-07-30 new issue DD verified by:ec
IPP Rev:B 08-12-04 up date part list DD Verified by:ec
EC verified by:DD IPP RevC 10.09.24 per RevC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
240-107 SPRING SLOTTED PIN		Purchased	No			100	Each	100.0000	8	8			DA 32 88
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST380		100							
				124060		100			124060				
30345T22 8" LANYARD		Purchased	No			100	Each	8.0000	2	2			DA 32 88
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST397		8							
				112853		8			112853				
30345T24 LANYARDS		Purchased	No			100	Each	17.0000	2	2			DA 32 88
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST397		17							
				112853		17			112853				
AN4-10A BOLT		Purchased	No			100	Each	116.0000	2	2			DA 32 88
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST355		100							
				M126105		100			126105				
				ST356		16							
				122800		4							
				123525		12							

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Work Order ID: 105237

Parent Item: PB67-43001-01

Start Date: 7/29/2013

Required Date: 8/16/2013

Parent Item Name: Fwd Blade Fold Assembly

Start Qty: 1.00

Required Qty: 1.00

AN4-13A Purchased No

100 Each 2,553.0000 2 2

Bolt

Location Loc Qty Loc Code

FG 20

122808 20

Return2012 8

122416 8

ST511 1000

m126193 1000

ST513 17

111925 8

121652 4

125388 5

ST514 1508

122993 13

123900 10

m125709 1485

126709

AN4-15A Purchased No

100 Each 602.0000 4 4

Bolt

Location Loc Qty Loc Code

FP001 12

122141 12

GA 100

120449 100

ST357 3

123900 1

m125709 2

ST514 487

119449 4

123525 13

m125750 70

m126105 400

126705

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Work Order ID: 105237

Parent Item: PB67-43001-01

Start Date: 7/29/2013

Required Date: 8/16/2013

Parent Item Name: Fwd Blade Fold Assembly

Start Qty: 1.00

Required Qty: 1.00

AN6-11A Purchased No

100 Each 44.0000

2

2 ✓

DA
32
88

Location	Loc Qty	Loc Code
ST339	44	
114437	44	

AN6-20A Purchased No

100 Each 70.0000

2

2 ✓

DA
32
88

Location	Loc Qty	Loc Code
ST340	70	
123900	3	
124561	7	
M126010	30	
M126105	30	

AN8-13A Purchased No

100 Each 42.0000

2

2 -

DA
32
88

Location	Loc Qty	Loc Code
ST341	42	
123482	42	

BSP43 Purchased No

100 Each 30.0000

4

4 -

DA
32
88

Location	Loc Qty	Loc Code
ST282	30	
123482	30	

CR3213-4-05 Purchased No

100 Each 622.0000

2

2 -

DA
32
88

Location	Loc Qty	Loc Code
ST329	600	
123301	600	
ST331	22	
108473	12	
108991	10	

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Work Order ID: 105237

Parent Item: PB67-43001-01

Start Date: 7/29/2013

Required Date: 8/16/2013

Parent Item Name: Fwd Blade Fold Assembly

Start Qty: 1.00

Required Qty: 1.00

D3445-041 Manufactured No 100 Each 5.0000 1 ✓

Belt Assembly

Location Loc Qty Loc Code

ST371 5

92251 5

92251

D3447-3 Manufactured No 100 Each 6.9000 2 2 ✓

Square Spacer

Location Loc Qty Loc Code

ST371 6.9

103840 1.9

92252 5

92252

D3447-7 Manufactured No 100 Each 2.0000 2 2 ✓

Clevis

Location Loc Qty Loc Code

ST372 2

90937 2

90937

D3447-9 Manufactured No 100 Each 9.0000 2 2

Swing Arm

Location Loc Qty Loc Code

ST372 9

92253 9

92253

D3451-041 Manufactured No 100 Each 0.0000

Handle and Lock-Down Assembly

D3451-047 Manufactured No 100 Each 0.0000

Handle and Lock-Down Assembly

D3922-1 Manufactured No 100 Each 26.0000

CLIP

Location Loc Qty Loc Code

st073 26

66852 26

66852

DAS
32
28

DAS
32
28

DAS
32
28

DAS
32
28

DAS
32
28

B104490 → ① Cpl 13.9.16
B104630 → ① Cpl 13.9.16

~~B104520~~ 2

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Work Order ID: 105237

Parent Item: PB67-43001-01

Start Date: 7/29/2013

Required Date: 8/16/2013

Parent Item Name: Fwd Blade Fold Assembly

Start Qty: 1.00

Required Qty: 1.00

MS17984-C408
PIN, QUICK RELEASE

Purchased No

100 Each 12.0000

2

2

DAJ
32
2-88

Location

Loc Qty

Loc Code

ST332

12

123482

12

MS17984-C418
PIN, QUICK RELEASE

Purchased No

100 Each 14.0000

2

2

DAJ
32
2-88

Location

Loc Qty

Loc Code

FG

1

123482

1

ST332

13

114523

1

123482

12

MS21042L3
Nut

Purchased No

100 Each 7,743.0000

2

2

DAJ
32
2-88

Location

Loc Qty

Loc Code

FP001

3

122141

3

GA

18

122452

18

ST314

1186

111668

1

117885

32

119017

55

119075

138

123265

43

M126036

917

ST506

1536

123900

912

124291

624

ST510a

5000

M126275

1000

M126333

4000

126275

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Work Order ID: 105237

Parent Item: PB67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

Start Date: 7/29/2013

Required Date: 8/16/2013

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

100

Each

6,766.0000

8

8

Locknut

Location

Loc Qty

Loc Code

FP001

50

122452

38

8182

12

ST314

10

m125708

10

ST506

11

121444

11

st507

223

116507

18

125535

47

m126073

158

ST509

4000

m126275

4000

ST510a

2250

m126333

2250

ST518

222

124231

222

m126333

MS21042L6

Purchased

No

100

Each

413.0000

4

4

Nut

Location

Loc Qty

Loc Code

ST314

413

123248

9

125535

204

m126275

200

125535

MS27039-1-04

Purchased

No

100

Each

254.0000

2

2

Screw

Location

Loc Qty

Loc Code

ST517

254

124555

254

124555

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Work Order ID: 105237

Parent Item: PB67-43001-01

Start Date: 7/29/2013

Required Date: 8/16/2013

Parent Item Name: Fwd Blade Fold Assembly

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-21

Purchased

No

100

Each

358.0000

2

2

Screw

Location

Loc Qty

Loc Code

ST306

4

115935

4

ST506

354

124326

254

m126319

100

124326

MS51859-6

Purchased

No

100

Each

135.0000

4

4

WASHER

Location

Loc Qty

Loc Code

ST290

135

112940

35

123482

100

112940

MS51859-7

Purchased

No

Each

66.0000

4

Washer

Location

Loc Qty

Loc Code

ST290

66

120518

5

123482

51

123525

10

123482

MS51859-8

Purchased

No

100

Each

53.0000

8

8

Washer

Location

Loc Qty

Loc Code

ST290

53

123482

53

123482

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Work Order ID: 105237

Parent Item: PB67-43001-01

Start Date: 7/29/2013

Required Date: 8/16/2013

Parent Item Name: Fwd Blade Fold Assembly

Start Qty: 1.00

Required Qty: 1.00

NAS1149DN632J

Purchased

No

100

Each

741.0000

6

6

Washer

Location

Loc Qty

Loc Code

ST293

697

123900

5

M126084

600

M126254

92

ST510a

44

125646

44

126264

DAS
32
288

NAS1149F0316P

Purchased

No

100

Each

183.0000

4

4

WASHER

Location

Loc Qty

Loc Code

ST295

183

113237

83

113644

100

113237

DAS
32
288

NAS1149F0432P

Purchased

No

100

Each

2,586.0000

16

16

WASHER

Location

Loc Qty

Loc Code

ST295

586

122151

2

123522

4

123900

6

124580

13

124859

15

125268

546

ST510a

2000

M126221

2000

125268

DAS
32
288

NAS1149F0632P

Purchased

No

100

Each

369.0000

8

8

WASHER

Location

Loc Qty

Loc Code

ST295

369

18057

369

18057

DAS
32
288

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Work Order ID: 105237

Parent Item: PB67-43001-01

Start Date: 7/29/2013

Required Date: 8/16/2013

Parent Item Name: Fwd Blade Fold Assembly

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0832P

Purchased

No

100

Each

239.0000

2

2

WASHER

Location

Loc Qty

Loc Code

ST295

239

18057

239

18057

NAS43DD3-68

Purchased

No

100

Each

75.0000

2

2

Spacer

Location

Loc Qty

Loc Code

ST275

75

124330

75

124330

PB67-43001-07

Manufactured

No

100

Each

0.0000

Fwd Blade Fold Assembly Weldment

PB67-43001-11

Manufactured

No

100

Each

0.0000

Fwd Adjustable Blade Support Assembly

PB67-43001-15

Manufactured

No

100

Each

0.0000

Fwd Adjustable Blade Support Assembly

PB67-43001-21

Manufactured

No

100

Each

0.0000

Upper Blade Support and Cover Assembly

PB67-43001-23

Manufactured

No

100

Each

0.0000

Lower Blade Support and Cover Assembly

PB67-43001-261

Manufactured

No

100

Each

0.0000

Lever Arm

PB67-43001-265

Manufactured

No

100

Each

76.0000

Deltin Bushing

Location

Loc Qty

Loc Code

ST386

76

40056

1

90932

13

99967

62

90932

DA
32
88

DA
32
88

DA
32
88

DA
32
88

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Work Order ID: 105237

Parent Item: PB67-43001-01

Start Date: 7/29/2013

Required Date: 8/16/2013

Parent Item Name: Fwd Blade Fold Assembly

Start Qty: 1.00

Required Qty: 1.00

PB67-43001-299

Manufactured No

100

Each

47.0000

2

2

Bushing

Location

Loc Qty

Loc Code

ST387

47

92255

11

99957

36

92255

PB67-43001-45

Manufactured No

100

Each

0.0000

1

1

Longitudinal Support

104049

PB67-43001-51

Manufactured No

100

Each

0.0000

1

1

Long T-Handle Assembly

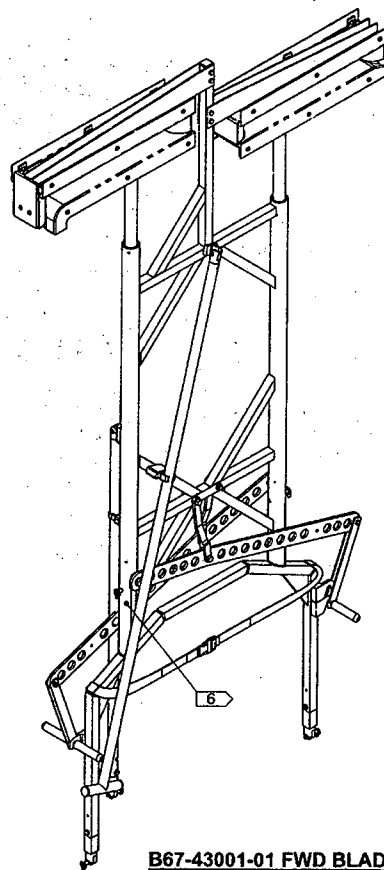
104051

4

ITEM	QTY. -01	P/N	DESCRIPTION
	X	B67-43001-01	FWD BLADE FOLD ASSY
1	1	B67-43001-07	FWD BLADE FOLD ASSY WELDMENT
2	1	B67-43001-11	FWD ADJUSTABLE BLADE SUPPORT ASSY
3	1	B67-43001-15	FWD ADJUSTABLE BLADE SUPPORT ASSY
4	1	B67-43001-21	UPPER BLADE SUPPORT AND COVER ASSY
5	1	B67-43001-23	LOWER BLADE SUPPORT AND COVER ASSY
6	1	B67-43001-45	LONGITUDINAL SUPPORT
7	1	B67-43001-51	LONG T-HANDLE ASSY
8	2	B67-43001-261	LEVER ARM
9	4	B67-43001-265	DELTRIN BUSHING
10	2	B67-43001-299	BUSHING
11	1	D3445-041	BELT ASSEMBLY
12	2	D3447-3	SQUARE SPACER
13	2	D3447-7	CLEVIS
14	2	D3447-9	SWING ARM
15	1	D3451-041	HANDLE & LOCK-DOWN ASSY
16	1	D3451-047	HANDLE & LOCK-DOWN ASSY
17	2	D3922-1	CLIP
18	2	30345T22	LANYARD
19	2	30345T24	LANYARD
20	2	AN4-10A	BOLT
21	2	AN4-13A	BOLT
22	4	AN4-15A	BOLT
23	2	AN6-11A	BOLT
24	2	AN6-20A	BOLT
25	2	AN8-13A	BOLT
26	4	BSP43	RIVET
27	2	CR3213-4-05	RIVET
28	8	MS171534	SPRING SLOTTED TENSION PIN (OR 240107)
29	2	MS17984-C408	QUICK RELEASE PIN
30	2	MS17984-C418	QUICK RELEASE PIN
31	2	MS21042L3	NUT
32	8	MS21042L4	NUT
33	4	MS21042L6	NUT
34	2	MS27039-1-04	SCREW
35	2	MS27039-1-21	SCREW
36	4	MS51859-6	NYLON WASHER
37	4	MS51859-7	NYLON WASHER
38	8	MS51859-8	NYLON WASHER
39	2	NAS43DD3-68	SPACER
40	6	NAS1149DN632J	WASHER
41	4	NAS1149F0316P	WASHER
42	16	NAS1149F0432P	WASHER
43	8	NAS1149F0632P	WASHER
44	2	NAS1149F0832P	WASHER
45	A/R	242XX	LOCTITE 242 THREADLOCKER, BLUE

NOTES:

- 1) MATERIAL: NONE
- 2) FINISH: TOUCH UP PAINT WITH SANDFLEX GREEN.
POSSIBLE SUPPLIER BERTRAND BODY SHOP SUPPLIES P/N DART01K
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH RED LABEL
- 7) WEIGHT: 49.07 lbs
- 8) WITH THE INNER TUBE CRADLE ASSEMBLY LOCKED IN ITS LOWEST MOST RECESSED POSITION, TRANSFER DRILL $\phi 0.250$ DIA HOLE FROM THE OUTER TUBE TO THE INNER TUBE AND THROUGH THE OUTER TUBE. DEBURR, REMOVE DEBRIS, AND TOUCH UP PAINT PER ITEM 2 AS REQUIRED. 2 PL.
- 9) INSTALL TEFLON TUBE BUSHING INSIDE THE OUTER TUBE. MATCH DRILL BUSHING TO EXISTING HOLES IN OUTER TUBE USING 1/8" DIAMETER DRILL. INSERT MS171534 (OR 240170) SPRING SLOTTED PIN AND GRIND FLUSH WITH CONTOUR OF OUTER TUBE. 8 PL (2 PL PER BUSHING).
- 10) PERMISSIBLE TO TRIM NYLON WASHERS OR SUBSTITUTE WITH THINNER MS51859 EQUIVALENT.
- 11) TRIM HEAD OF MS17984-C408 QUICK PIN FLUSH TO BODY AS SHOW. TOUCH UP WITH BLACK PAINT PRIOR TO FASTENING TO FRAME.



B67-43001-01 FWD BLADE FOLD ASSY

RELEASED
2010-09-21

C		REDRAWN PREMIER AVIATION DRAWING IAW DART QSI 018 AND QSI 043. FOR PREVIOUS REVISIONS, REFER TO SHEET 2 OF PREMIER AVIATION DRAWING No. B67-43001. REASON: SEE PAR#09-011.		VS	10.06.11
REV	DESCRIPTION			BY	DATE
DESIGN	RW	DART AEROSPACE LTD			
DRAWN	VS	HAWKESBURY, ONTARIO, CANADA			
CHECKED		DRAWING NO.	REV. C		
MFG. APPR.		B67-43001-01	SHEET 1 OF 2		
APPROVED		TITLE	SCALE		
DE APPR.	NA	FWD BLADE FOLD ASSY	NTS		
DATE	10.06.11	COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMBINED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

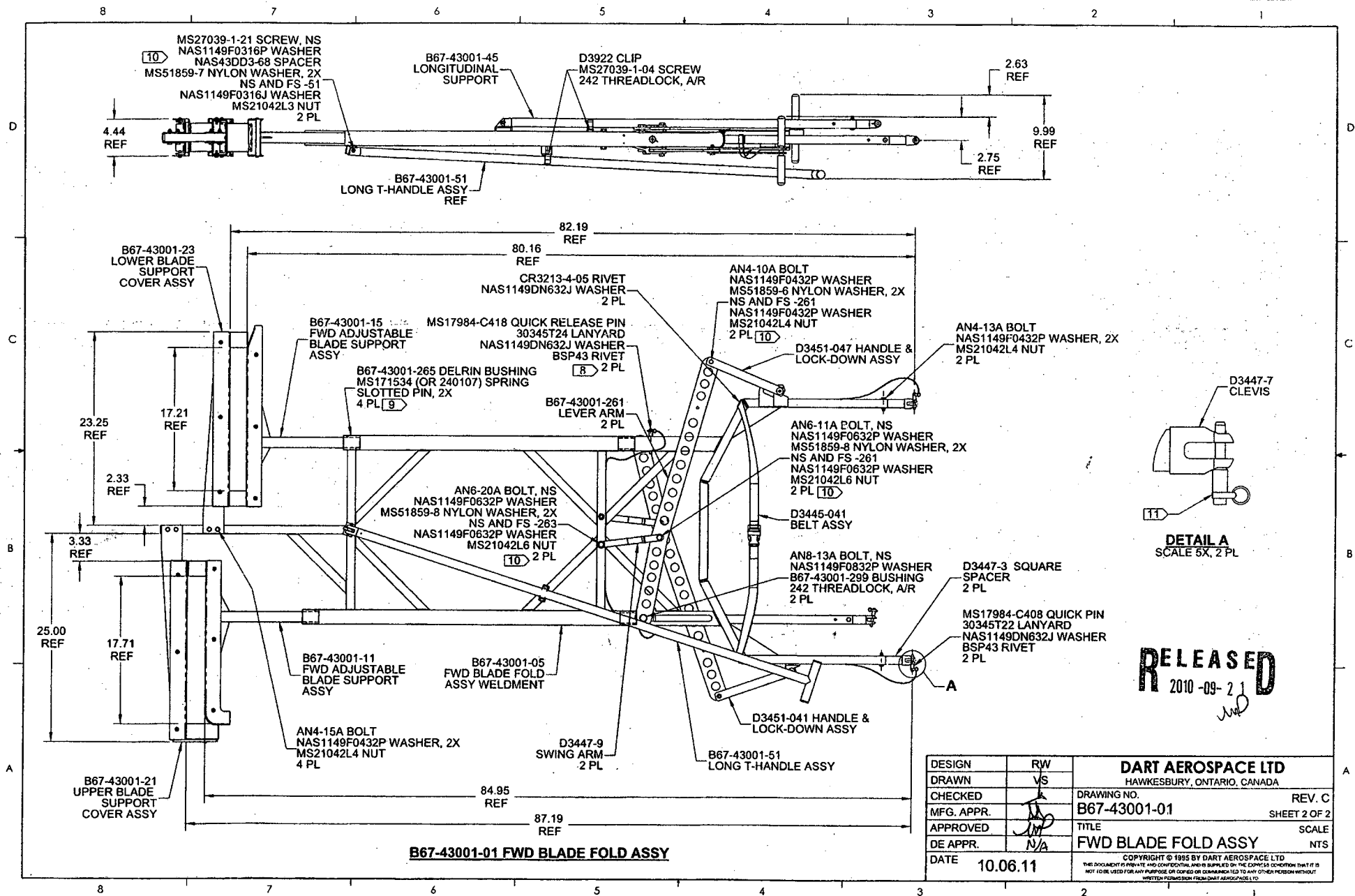
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence
		<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other



DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other _____ _____ _____
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